

BADGER STATE

SMOKE SIGNALS

SERVING AMATEUR RADIO IN WISCONSIN

Published since 1969 • Our 37th Year  
Single Copy \$3.00

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A PROCLAMATION

WHEREAS, during times of national, state and local emergencies, amateur radio operators continue to provide communication resources at no cost to Wisconsin taxpayers; and

WHEREAS, there continues to be a need for amateur radio operators to provide emergency communication capabilities as a primary and backup resource during local, state and national emergencies; and

WHEREAS, Radio Amateur Civil Emergency Service (RACES) and the Amateur Radio Emergency Service (ARES) work with the Wisconsin Department of Health and Family Services to provide emergency communications support to medical facilities throughout Wisconsin; and

WHEREAS, amateur radio clubs throughout Wisconsin provide courses of instruction in the radio art, encourage and assist with grade school and high school programs about amateur radio, and in the process, enhance student interest in science, geography and physics, thus providing the opportunity to become a licensed amateur radio operator; and

WHEREAS, amateur radio operators, participating in SKYWARN provide trained and radio equipped severe weather spotters to assist the National Weather Service and the State of Wisconsin; and

WHEREAS, amateur radio organizations such as the Radio Amateur Civil Emergency Service (RACES) and the Amateur Radio Emergency Service (ARES) are organized and trained in accordance with the National Incident Management System (NIMS) to most effectively provide emergency communication support; and

WHEREAS, amateur radio organizations such as Amateur Radio Emergency Services (ARES) provide communication support for community and public service events to help ensure the safety of attendees, participants and observers alike; and

WHEREAS, amateur radio operators test their capability to operate "in the field" using alternate power sources during "Field Day" each June;

NOW, THEREFORE, I, Jim Doyle, Governor of the State of Wisconsin, do hereby proclaim June 23 and 24, 2007

AMATEUR RADIO OPERATOR RECOGNITION DAYS

In the State of Wisconsin and I commend this observance to all citizens.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Wisconsin to be affixed. Done at the Capitol in the City of Madison this twenty ninth day of January in the year two thousand seven.

*Jim Doyle*  
JIM DOYLE



Amateur Radio operator recognition days  
proclaimed by Governor Doyle  
June 23/24, 2007

See proclamation at left

ARRL congratulates centenarian member

\* ARRL congratulates centenarian member: The ARRL has extended its congratulations to League member Harvey Baalke, W9HXX, of Sheboygan, Wisconsin, who celebrated his 100th birthday March 23. Wrote ARRL CEO David Sumner, K1ZZ, on the League's behalf: "I seldom have the privilege of writing to an ARRL member on the occasion of their 100th birthday! Please accept belated congratulations on behalf of the Board, staff and your fellow mem-

bers of the ARRL. I know you have seen many changes since you were first licensed. One thing that has not changed is the unique camaraderie among radio amateurs of different generations and cultures. Best wishes from the world-wide Amateur Radio community. Sincere 73." Baalke first joined the ARRL in 1936.

From The *ARRL Letter*

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# WHAT'S HAPPENING

## Swapfests and Other Social Events — Club Meetings Amateur Radio Exam Schedules

Edited by Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901 — [kenneth.ebnetter@verizon.net](mailto:kenneth.ebnetter@verizon.net)

### Swapfests And Other Social Events

June 2-3, 2007. Hamfest, Computer & Hobby Show, Bureau County Fairgrounds, US Route 6 West, Peru Street, Princeton, IL. Starved Rock Radio Club, Talk-In: 146.955 (-600kHz) repeater (PL 103.5). Contact: Tom Chromzack, KC9EGB, PO Box 101, Tiskilwa, IL 61368, Phone: 815-646-4488, Fax: 815-646-4362, Email: [w9mkshamfest@yahoo.com](mailto:w9mkshamfest@yahoo.com). <http://www.qsl.net/w9mks/hamfest.htm>

June 10, 2007. 50th Annual Hamfest. DuPage County Fairgrounds, 2015 Manchester Road, Wheaton, IL Six Meter Club of Chicago. Talk-In: 146.370/146.970 (PL 107.2). Contact: Joseph Gutwein, WA9RIJ, 6675 South Cass Avenue, Westmont, IL 60559-3290, Phone: 708-442-4961 (24-hr infoline). Email: [wa9rij@arrl.net](mailto:wa9rij@arrl.net) <http://www.qsl.net/k9ona>

July 7, 2007, South Milwaukee ARC Swapfest, American Legion Post 434, 9327 South Shepard Ave., Oak Creek, WI. e-mail [ryatex@aol.com](mailto:ryatex@aol.com). Phone (414) 762-3235.

July 14, 2007. WeLCARS Technology Fest, Fox Lake Illinois,

Come one, come all to the WeLCARS Hamfest! This is a centrally located Hamfest, with easy access to parking and public transportation! This should be a very successful Hamfest, focused entirely on technology! Presentations by ARRL, HandiHam, and various technical presentations will supplement the Hamfest. FREE ADMISSION! Table and tailgate space available for reservation, first come first served. Tables are \$15, table space is \$10, and tailgate spaces are \$5. Please see <http://welcars.no-ip.org> and select HAMFEST 2007 for more information.

This is a technology only festival; please do not consider participating if your wares are not technology related!

Email [joeserocki@gmail.com](mailto:joeserocki@gmail.com) <<mailto:joeserocki%40gmail.com>> if you have any questions.

July 15, 2007 Aurora Central Catholic High School. 1255 Edgelawn Avenue, Aurora, IL Fox River Radio League, Talk-In: 147.210 MHz (PL 103.5 Hz). Contact: Dean Holste, KC9EOQ, 805 Laurel Drive Aurora, IL 60506, Phone: 630-966-8521 Fax: 630-879-0000. Email: [hamfest@frrl.org](mailto:hamfest@frrl.org) <http://www.frrl.org>

**August 05, 2007. Bolingbrook High School, 365 Raider Way, Bolingbrook, IL. Illinois State Convention, Bolingbrook ARS, <http://www.k9bar.org> Talk-In: 147.330 +600 & 443.525. Contact: Tom Ballard, N9LJY, 19 W 609 Dystrup Avenue, Lemont, IL 60439. Phone: 630-739-3740. Fax: 312-499-7602. Email: [tb1301@comcast.net](mailto:tb1301@comcast.net)**

**August 05, 2007. 2007 Illinois State Convention Notice**

**Fellow ARRL Members:**

**I have discovered a major error in the "Coming Conventions" listings on page 92 of the May issue of QST. The listing for the Illinois State Convention is totally wrong. The 2006 data was mistakenly used.**

**The 2007 ARRL Illinois State**

**Convention will be held on Sunday, August 5th in Bolingbrook, Illinois from 8:00 AM to 2:00 PM at the Bolingbrook High School located at 365 Raider Way in Bolingbrook. This year's convention is sponsored by the Bolingbrook Amateur Radio Society (BARS).**

**For more details and contact information, go to the ARRL web site and click on "hamfests" located in the blue page header.**

**Hopefully, there will be a correction published in either the June or July issue of QST.**

**ARRL Central Division**

**Director: George Isely, W9GIG**  
**[w9gig@arrl.org](mailto:w9gig@arrl.org)**

August 11, 2007 Circus City Swapfest, Sauk County Fairgrounds, Baraboo, WI. Contact: [Steve Schulze](mailto:Steve.Schulze@yellowthunder.org), N9UDO at:(608) 356-2313 or [Bill Klinkner](mailto:Bill.Klinkner@yellowthunder.org), N9KXX at: (608) 643-6908 Daytime, (608) 643-6453 Evenings, (608) 643-8850 Fax. <http://www.yellowthunder.org/swapfest.html>

August 11, 2007 Annual Swapfest, Eagle's Alps, 3737 North 5th Street, Quincy, IL Western Illinois ARC, <http://www.w9awe.org/> Talk-In: 147.030 +600 (PL 103.5 Hz). Contact: James Funk, N9JF, 2742 North 230th Avenue, Liberty, IL 62347, Phone: 217-336-4191. Email: [n9jff@arrl.net](mailto:n9jff@arrl.net)

**August 12, 2007. Will County Fairgrounds, 1 Mile East of I-57, Exit 327, Peotone, IL, Hamfesters Radio Club, <http://hamfesters.org/hamz22.htm>, Talk-In: 146.52 simplex. Contact: Mr. Kerry Nelson, AA9SB, 3404 Hazel Lane, Hazel Crest, IL 60429-1612. Phone: 708-335-4574 or 708-598-5422. Fax: 708-335-4574 ( m a n u a l ) . E m a i l : [kw\\_nelson@earthlink.net](mailto:kw_nelson@earthlink.net).**

**September 15, 2007. Ozaukee Radio Club outdoor swapfest. Fireman's Park, Cedarburg, WI. Contact: Tom**

**Check us out on the web at <http://www.bsos.org>**

## Badger State Smoke Signals

### *Amateur Radio Education and Information*

**CHAIRMAN/PUBLISHER/EDITOR:** Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. e-mail to: [kenneth.ebnetter@verizon.net](mailto:kenneth.ebnetter@verizon.net)

**WEB SITE EDITOR:** Dave Spearing, KB9CSW. [kb9csw@arrl.net](mailto:kb9csw@arrl.net)

**TREASURER:** Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901.

**EDITORIAL BOARD:** Ken Ebnetter, K9EN; Don Evenson, K9JYX.

### Subscription Rate

1 year (6 issues—bi-monthly) \$13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

### When to Send It

**The closing date for each issue is the first of the month before the issue date.** For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebnetter.

Editorial material, photographs, and feature articles should be sent to Ken Ebnetter, K9EN.

Web page material should be sent to [kb9csw@arrl.net](mailto:kb9csw@arrl.net) Dave Spearing, KB9CSW

Inquiries about advertising should be directed to Ken Ebnetter.

Club, swapfest, and Test Point information should be sent to Ken Ebnetter.

**Swapfest ADS should be sent to Ken Ebnetter, K9EN no later than eight weeks before the**

### events date.

Subscriptions should be sent, with check or money order, to Ken Ebnetter.

### Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*.

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*Badger State Smoke Signals* is incorporated as a Wisconsin non-stock, non-for-profit organization.

### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.





Appleton  
FOX CITIES AMATEUR RADIO CLUB  
Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD [fcarc@w9zl.org](mailto:fcarc@w9zl.org) Website: <http://www.fcarc.us>

Baraboo  
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: <http://www.shopstop.net/BATS/>

Baraboo  
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: <http://www.qsl.net/ytarc>.

Dubuque, IA  
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: <http://www.qsl.net/wb0lob/>. Information or questions to: [N0hdc@aol.com](mailto:N0hdc@aol.com).

Eau Claire  
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email [kg9ra@ecarc.org](mailto:kg9ra@ecarc.org). Web page: <http://www.ecarc.org>

Fond du Lac  
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: [kg9in@fdlhams.org](mailto:kg9in@fdlhams.org) Web: <http://www.fdlhams.org>.

Fort Atkinson  
TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Paul Marowsky, KD9PM, 920-674-4968., or John Satterlee, WA9SAB, 920.563.6381.

Grafton  
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin [www.qsl.net/orc/](http://www.qsl.net/orc/).

Green Bay  
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at [kb9sne@yahoo.com](mailto:kb9sne@yahoo.com).

Green Lake  
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:  
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

**Hudson**  
**St. CROIX VALLEY RADIO AMATEURS: Meetings: Third Monday of every month at 7:15 pm or immediately following the nets which begin at 7:00 pm. A short business meeting is held followed by a program. The club meets at the St. Croix County Emergency Government Center, 1101 Carmichael Road, Hudson WI. All are welcome! Talkin and ARES/RACES repeater: 145.130 MHz, PL tone 110.9. The ARES/RACES net is held every Monday evening at 7:00 pm immediately followed by the St. Croix Valley Friendly Net also on 145.130. All check-ins are welcome. Web site: [www.pressenter.com/~scvra/](http://www.pressenter.com/~scvra/). Club repeater: 147.33 PL tone 110.9. An informal breakfast gathering is held every Saturday morning, 8:00 am, at Perkins in Hudson. For additional information contact: Lou Greub, WB9PVA, Secretary. e-mail: [lgreub218pressenter.com](mailto:lgreub218pressenter.com)**

Juneau  
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Winter-time.

La Crosse  
Riverland Amateur Radio Club Meeting: First Tuesday, American Red Cross, 2927 Losey Blvd. S. La Crosse, WI Meeting at

7:00p.m. More information: <http://www.qsl.net/wr9arc> E-mail [wr9arc@qsl.net](mailto:wr9arc@qsl.net)

Madison  
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. E-mail: [n9uw@sal.wisc.edu](mailto:n9uw@sal.wisc.edu).

Madison  
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: [w9ixg@arrl.org](mailto:w9ixg@arrl.org). Web: <http://www.qsl.net/w9yt>.

Madison  
Madison DX Club, meetings are on every fourth Tuesday of each month; see <http://madisondxclub> for more details.

Madison  
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc  
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site [www.w9dk.com](http://www.w9dk.com) or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: [fredandpat@lakefield.net](mailto:fredandpat@lakefield.net)

Marinette WI  
Menominee MI  
Amateur Radio Club Meetings held second Thursday 7:00PM each month BAMC Tenth Avenue Menominee Michigan in the basement. Guests welcome e-mail secretary [kg9ad@arrl.net](mailto:kg9ad@arrl.net)

Medford  
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the

"break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

Menomonee Falls  
FALLS AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at Bank One building in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!

Menomonie WI  
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Wal-Mart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee  
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month, 7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: [garyk9gs@arrl.net](mailto:garyk9gs@arrl.net).

Milwaukee  
MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207. Web: <http://www.qsl.net/mrac> . Email: [w9rh@arrl.net](mailto:w9rh@arrl.net).

Northeast Area  
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check <http://home.new.rr.com/newdx/>. Contact us at [w9dx@arrl.net](mailto:w9dx@arrl.net).

Oak Creek  
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is [ww.qsl.net/wa9txe](http://www.qsl.net/wa9txe)

Onalaska (see La Crosse)

QCWA Chapter 162  
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christ-

(Continued on page 7)

# Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary  
W370 S9590 Highway 67 • Eagle, WI 53119

## WISCONSIN NETS

Net	WNA	Freq.	UTC	CDT	Manager
BWN	YES	3985	1100	0600	W9IXG
BEN	YES	3985	1700	1200	KE9VU
WSBN	YES	3985	2215	1715	K9FHI
WNN	YES	3555	2300	1800	KB9ROB
WSSN	YES	3555	2330	1830	N9JIY
WIN/E	YES	3555	0000	1900	WB9ICH
WIN/L	YES	3555	0300	2200	W9UW
RCRA	NO	01/61	2230	1930	KA9OMC
(Mondays CDT— Menomonie Area)					
Green Bay Area	NO	72/12	0245	2145	WB9NRK
ARES	NO	4.65/5.25	0200	2100	
(South East/South Central Wisconsin)					
ARES/RACES (WRACES)	NO	3997.5	2300	1800	N9VAO
(Sundays)					

## Wisconsin Section STM Report

### STM Report Wisconsin Section March 2007

FAQ #67: What’s an *originated* message? Even though a formal message may be sent first from your station, it isn’t counted as an “originated” mas- sage unless it comes from someone other than you. Messages that are *originated* are started from a third party. They are sent on behalf of someone else. It could be someone in charge such as an Emergency Manager, a fellow Ham who asks you on a local re- peater to send a message on her behalf, or the recipi- ent of a message you delivered. The important part to remember about an originated message is that it doesn’t come from you.

If you have a report to send, and you send it, it counts as a message sent. It doesn’t count as an originated message – just as one sent. When you send that message from the Emergency Manager, it counts for two, as a message originated as well as one sent.

We appreciate being able to keep track of the traffic handled by operators in our section on a monthly basis. Please send your Station Activity Report (messages originated, received, sent, deliver- ed, and the total) to K9LGU before the 7<sup>th</sup> of each month. And if you send that report by radiogram, it counts as a message sent – but not originated. Thanks. 73 K9LGU – STM / WI

### STM Report Wisconsin Section April 2007

FAQ #68 Please take a number. . . Every for- mal message sent in the National Traffic System starts with a number. The number is assigned by the originating station and stays with the message until it’s delivered. That number is important, because it gives us a way to check on or respond to a message.

So how are messages numbered? That’s the choice of the originating station. There are a *number* of ways. Some start with number one at the first of each year. Some begin numbering with the first of each month. An ARES station might start numbering with an event such as serving at shelter. Sometimes, operators who don’t file many messages adjust the number to reflect the date. Occasionally, a station may use a message number with a decimal in it. That’s not a problem on voice or digital modes – but it can be confusing on CW where an “R” is used to represent a decimal and is also used as the abbrevia- tion for “routine” in the preamble. It’s only a small problem in the big scheme of things. After all, when your number’s up. . .

Numbers. You know what seems odd? Num- bers that aren’t divisible by two. No matter. Any way you count it, the message number’s important and should be copied and relayed correctly. That will keep us number one in accuracy. 73 – K9LGU/ STM - WI

## WISCONSIN SECTION STATION ACTIVITY

### WISCONSIN SECTION MONTHLY NET ACTIVITY SUMMARY MARCH 2007

NET	QNI	QTC	QTR	SSNS	NM
BWN	2104	3032	5332	31	W9IXG
BEN	596	42	1119	31	KE9VU
WSBN	770	67	1150	31	K9FHI
WNN	225	19	376	24	KB9ROB
WSSN	206	20	328	30	N9JIY
WIN/E	157	26	263	29	WB9ICH
WIN/L	178	43	317	31	W9UW
WRACES	75	2	201	4	N9VAO
TOTALS	4311	3251	9086	211	

MWCRN					
JAN	324	124	642	5	WA9ZTY
FEB	241	111	481	4	WA9ZTY
MAR	303	193	537	5	WA9ZTY

Most Wisconsin Section Phone Nets meet on 3985 KHz., CW Nets on 3555 KHz. The WI ARES/RACES HF Net meets on 3977.5. All nets are avail- able to handle NTS traffic. Net preambles, traffic handling hints, and lists of check-ins can be found on the Wisconsin page of the ARRL web site or by con- tacting a Net Manager.

Traffic on the Midwest Classic Radio Net (Saturdays, 8 A.M., 3885 KHz., AM only) consists of

- 1) Items offered for sale, trade or free
- 2) Items listed "wanted to purchase"
- 3) Parts offered/wanted for Amateur use
- 4) Confirmations of items received, general information
- 5) Technical help requested; Technical help offered

This net was created for the purpose of rescuing, restoring and operation of AM/CW Equipment from the "Classic Radio Era" (USA-made, tube type equipment). It is run in a "Traffic Net" fashion, as the old AM nets were, to keep alive the old procedures for handling the traffic. Statistics from net opera- tion are provided for information only.

### April 2007

NET	QNI	QTC	QTR	SSNS	NM
BWN	2127	2965	5248	30	W9IXG
BEN	569	38	1104	30	KE9VU
WSBN	765	79	1187	30	K9FHI
WNN	222	11	360	30	KB9ROB
WSSN	196	15	305	30	N9JIY
WIN/E	171	21	269	29	WB9ICH
WIN/L	202	31	300	30	W9UW
WRACES	132	0	331	5	N9VAO
TOTALS	4384	3160	9104	214	

MCRN	184	63 items	433	4	WA9ZTY
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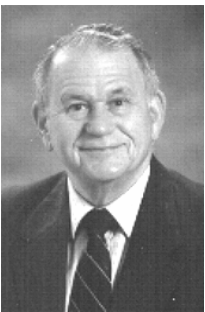
Note:  
BWN is Badger Weather Net;  
BEN is Badger Emergency Net;  
WSBN is Wisconsin Side Band Net;  
WNN is Wisconsin Novice Net;  
WSSN is Wisconsin Slow Speed Net;  
WIN/E is Wisconsin Intrastate Net/Early;  
WIN/L is Wisconsin Intrastate Net/Late;  
WRACES is Wisconsin Radio Amateur Civil Emergency Service net.  
Details on all these nets are found on this site:  
<https://www.arrl.org/sections/?sect=WI> under Wisconsin Traffic Nets.

(Continued on page 7)

Check us out on the web at  
<http://www.bssts.org>

# The Computer Corner

by Stan Kaplan, WB9RQR  
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## No. 137. Defragging

The best way to improve your computers performance short of hardware replacements is to keep the hard drive defragmented. Fragmented files take longer to read than files that are in one contiguous piece. That makes sense. But fragmented files also take longer to write – as when burning a CD, copying to a floppy or USB Flash Drive, or even when changes are made as in editing a Word document. So, what is the big deal? Just defrag now and then. Correct?

Sure, that is the answer. But, do defraggers set you up with a perfectly defragmented hard drive when they are finished? Are they all equally effective? What limitations do they have? And, how do defraggers work?

Your computer contains tens of thousands of files, and when Windows is running, many are in use. Some are in use by applications, some by Windows services or some by Windows itself, and these can easily involve thousands of files. Even if you are not running Word or other applications, there can be many files open and in use. For example, if you are on a network, Windows is constantly looking for attempts to contact your machine – and that takes running software and lots of open files. Furthermore, simply keeping Windows itself running requires hundreds of open files.

It is a simple fact that, when a file is open (in use), it cannot be defragged. It is locked. So a defragger cannot work on all of the files on a drive at any given point in time. You can think of the hard drive as thousands of files (blocks of data) of different sizes, bounded by unmovable data blocks (the files that are in use). To move the two pieces of a fragmented file to a

spot where they can be next to each other (contiguous), the file cannot be in use and there has to be an empty spot large enough to put the two pieces together. It has to hunt among the unmovable spots for a large enough unused block of space. That puts a rather severe constraint on any defragger.

All defraggers are based on a standard system defragmentation library by Microsoft, included in all versions of Windows (2000, 2003, XP and Vista). This includes freeware, shareware and commercial defraggers, as well as the one bundled with your operating system. That means that all of them use the same methods for moving pieces of files, to wit: 1. They first copy two or more fragments to a space where the fragments can be contiguous. 2. Then they update the File Allocation Table (a database listing where all the files on a disk reside). 3. Finally, only when 1 and 2 are completed do they erase the original fragments. This is a good procedure, because it is safe – the danger of loosing data is low.

On the other hand, defraggers don't all work at the same speed. Everyone knows the Microsoft defraggers bundled with various versions of Windows are very sloooow. There are faster defraggers out there, and the price is right (free).

One good free one is **Auslogics Disk Defrag** (<http://www.auslogics.com>). It has a nice user interface that lets you see what is happening, and it is fast. I like to use it for a “quick and dirty” defrag, so I can get back to work in a minimum amount of time. However, if you have more than just a C: partition, you have to do each partition separately.

For a more thorough job, I like the free **JkDefrag** ([www.kessels.com/](http://www.kessels.com/)

JkDefrag). This one is fully automatic – it assumes you wish to do all the partitions that are present, and it does them one after the other without asking. Furthermore, the program does not have to be installed. You just unzip it to a directory of your choice, then click the JkDefrag.exe program when you want to run it. Be sure to read the .html document that comes with it (under the subfolder **doc**) so you click the correct program (several versions, including a screensaver, are included). There are also lots of command line options for you geeky folks like me. But it is also quite simple and very effective if you are not a geek!

I like JkDefrag because the author (J. Kessels – in Holland) used great care in designing the program. It does its job in stages. First, it reads the disk to analyze where things are and what needs to be done. Next, it creates some free space at the beginning of the disk (1% plus room for directories), so that temporary files have a place to go (temporary files are created and erased constantly while the machine is working, and the beginning of the disk is the best place to put them; read on to see why). Then it defragments by moving fragmented files to empty spots after the free space. Finally, it optimizes the hard drive by packing the newly defragged files as close to the beginning of the drive as is possible, but above the 1% free space. Why that free space? The beginning of a hard drive, near the rim of the platter, is faster to read or write than sites closer to the spindle. So, when JkDefrag is finished, your drive is not only de-

fragmented, but it is also optimized to run at the very fastest speed when you are working. Very nice, indeed! It is a safe program, and can be stopped any time by just closing the program by clicking the familiar x-box in the upper right corner.

There are other freeware defraggers out there in addition to these two, but none are really any better than the ones I have mentioned. One up-and-coming freeware program out there now in beta version runs constantly in the background whenever Windows is running. It defrags a little whenever the machine is idle, as when you are answering the phone or taking a coffee break, or even when you are just thinking between keystrokes. But, it is not ready yet. It contains a few bugs (it interferes with the shutdown process), it uses more memory than the ones I have mentioned (since it is always running in the background whenever the machine is on), and it doesn't do as thorough a job as JkDefrag. But the idea is nice – never having to actually start a defragger, since one starts automatically at boot up and runs quietly in the background, keeping your machine in peak condition. We shall see how it develops.

Even if you use the old, slow defragger that comes with Windows, do it and do it regularly! A hard drive running Win2k or XP or Vista can become badly fragmented in only a few hours of use. Defrag at least once every two weeks, at the outside. It will keep your computer humming along at its best. Happy Computing!

## WISCONSINSECTION MANAGER REPORT

### MARCH 2007

WISCONSIN: SM: Don Michalski, W9IXG, SEC: KB9ENO, STM: K9LGU, SGL: AD9X, OOC: KC9IS, PIC: KB9NUM, TC: K9GDF, BM: WB9NRK, ACC: N9LVS ASM: K9UTQ, W9DGI, N9VE.

With regret, I am informing you of the passing of the following Amateur:

Tom Chia, KB9EWK, 56. Tom was a member of the Green Bay Mike and Key Club and was active in ARES.

Richard Regent, K9GDF, received his 50 year ARRL pin!

Congratulations to Ed Engleman, KG8CX, who received the M&M Club 2006 Ham of the Year award and, also, the

DAR Boys and Girls Club's Outstanding Volunteer of the Year award!!

The Wisconsin Valley Radio Association gave their annual Excellence in Amateur Radio award to Mike Wild, KB9DED, for his long time amateur radio achievements and Mark Rasmussen, N9MEA, won the Ham of the Year Award for his contributions to the club during the past year.

We are looking for Wisconsin attorneys to join the ARRL Volunteer Counsel program in order to provide a better means of tracking and, when necessary, opposing local ordinances and statutes that might have a detrimental effect on the Amateur Radio Service and League members. And, also, to represent amateurs involved in

(Continued on page 6)

Check us out on the web at  
[Http://www.bsas.org](http://www.bsas.org)



WISCONSIN SECTION MANAGER REPORT

(Continued from page 5)

antenna or RFI disputes. The League does not expect a Volunteer Counsel to represent an amateur free of charge. If you are an attorney and interested in becoming a VC, check this site for more information and/or contact me. <http://www.arrl.org/FandES/field/regulations/local/vc-vce.html>

Note that the weekly topic of discussion for the Sunday ARES/RACES (WRACES) net is now posted every Thursday on the Wisconsin site. Join us!

We enjoyed meeting many of you at the AES Superfest. So did Bob Inderbitzen, Marketing Manager, and Joel Harrison, ARRL President. As you may have seen, we were busy taking in new and renewed ARRL memberships and offering great gifts in return! It was a record breaking event for the ARRL at 2007 Superfest. Well over 120 memberships received! We appreciate your support of the ARRL! If you missed Superfest, you will find me at other hamfests with more of the same gifts being offered in exchange for your renewal. Remember, you don't have to wait until the last minute to renew. Do it at anytime and we just add another year or more to your current membership.

Hope to see you soon!!!  
73 de Don, W9IXG

Section Manager: Donald E. Michalski, W9IXG  
[w9ixg@arrl.org](mailto:w9ixg@arrl.org)

APRIL 2007

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3985 0500-0715 W9IXG. BEN 3985 1200 KE9VU. WSBN 3985 1715-1800 K9FHI. WNN 3555 1800 KB9ROB. WSSN 3555 1830 N9JIY. WIN-E 3555 1900 WB9ICH. WIN-L 3555 2200 W9UW. (All times are Central time)

With regret, I am informing you of the passing of the following Amateurs:

Vernon Reuterskiold, WA9SGH, 89.

Tom Duemling, W9TND, 71 More information on his career on this site: [www.jsonline.com/story/index.aspx?id=602161](http://www.jsonline.com/story/index.aspx?id=602161)

Gregory Schanke, KC9HYA, 22, died from injuries sustained in an auto accident. He was a member of the Calumet Amateur Radio Emergency Service and Calumet Amateur Radio Club. His parents are Wayne and Joan Schanke, KE9VU and N9JAE, respectively.

Ken Meyer, K9KJM, has taken all three EmComm courses, received over a dozen FEMA certifications, and now has added the National Registry of Certified EmComm Volunteers, NRCEV, certification. Ken is the first in Wisconsin to receive this certification! More information is available on this site: <http://www.nrcev.org/>

Harvey Baalke, W9HNX, turned 100 years young! He has been an ARRL member since 1936.

We enjoyed visiting the ManCoRad Special Event aboard the USS Cobia. This annual April event honors the 52 submarines that perished in WWII. Photos are on the Wisconsin site: <https://www.arrl.org/sections/?sect=WI>

Public service events are in full swing and we hope that you can find the time to participate in them with communications support. These events are a lot of fun, provide a valuable service to the community, and you have the chance to hone your communications skills in the event of an emergency later. Please support them and put Amateur Radio in the public eye!

73, Don, W9IXG

ARRL Wisconsin Section  
Section Manager: Donald E. Michalski, W9IXG  
[w9ixg@arrl.org](mailto:w9ixg@arrl.org)

Check us out on the web at  
<http://www.bsss.org>

Swapfests  
And Other Social Events

(Continued from page 2)

Ruhlmann, W9IPR, (262) 377-6945 Admission is \$5.00 at the gate. No tables to rent. Sell from the back of your vehicle. For current information go to: [www.ozaukeeradioclub.org](http://www.ozaukeeradioclub.org)

September 14-15, 2007. W9DXCC CONVENTION, Holiday Inn, 1000 Busse Road, Elk Grove Village, IL. Northern Illinois DX Association. Talk-In: 147.36. Contact: Bill Smith, W9VA, 1345 Linden Avenue, Deerfield, IL 60015, Phone: 847-945-1564, Fax: 847-945-6554. Email: [w9va@aol.com](mailto:w9va@aol.com) <http://www.w9dxcc.com>

September 15-16, 2007. Peoria Superfest 2007, Exposition Gardens, 1601 West Northmoor Road, Peoria, IL. Peoria Area ARC, Talk-In: 147.075+ (PL 103.5). Contact: John Coker, N9FAM, 133 Vonachen Court, East Peoria, IL 61611-1578, Phone: 309-369-7428. Email: [n9fam@insightbb.com](mailto:n9fam@insightbb.com) <http://www.peoriasuperfest.com>

September 29-30, 2007 The Chicago FM Club presents RADIO EXPO 2007 Boone County Fairgrounds, Rts. 76 and Business 20 Belvidere, Illinois Free parking; Amateur Exams, Windy City Pro Wrestling-Sun 12-2. Talkin 146.16/76

YOU GREW UP IN RURAL WISCONSIN IF.....

You have driven your car on the lake.

You know how to polka, but never tried it sober....

You can make sense of "upnort" and "batree".

Every wedding dance you have ever been to has the hokey pokey and the chicken dance.

Your definition of a small town is one that only has one bar.

The local gas station sells live bait.

At least twice a year some part of your home doubles as a meat processing plant.

You think that the start of deer season is a national holiday.

Pop is the only name for soda.

(107.2),

November 17-18, 2007. Allen County War Memorial Coliseum, 4000 Parnell Avenue, Fort Wayne, IN. Indiana State Convention (Fort Wayne Hamfest & Computer Expo), Allen County Amateur Radio Technical Society, <http://www.fortwaynehamfest.com>, Talk-In: 146.88 (-). Contact: James D. Boyer, KB9IH, PO Box 10342. Fort Wayne, IN 46851-0342. Phone: 260-579-2196. Email: [chairman@fortwaynehamfest.com](mailto:chairman@fortwaynehamfest.com).

147.255+ (114.8), 444.725+ (114.8). Info Voice mail and FAX: (708) 457-0966 <http://www.chicagofmclub.org> 5127 N. Monterey Dr, Norridge IL 60706-3245

January 5, 2008, Waukesha, WI. 34th Annual Midwinter Swapfest, sponsored by the West Allis RAC. Waukesha County Expo Center Forum, Waukesha, WI. For information contact: [www.warac.org](http://www.warac.org), WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201, or Phil, W9NAW, (414) 425-3649 GPS coordinates: Latitude 43.03227, Longitude -88.23948

Further information about hamfests in the area can be found at [bsss.org](http://bsss.org) or at <http://www.arrl.org/hamfests.html> If your organization is sponsoring a Hamfest/ Swapfest and would like us to list your event, please send the information to Ken Ebnetter, K9EN at the address on page 2 or to [k9en@arrl.net](mailto:k9en@arrl.net)

You know what knee-high by the Fourth of July means.

You know that "combine" is a noun.

You let your older siblings talk you into putting your tongue on a steel post in the middle of winter.

You know the difference between "Green" and "Red" farm machinery, and would fight with your friends on the playground over which was better!

You buy Christmas presents at Fleet & Farm or Farm & Fleet.

You spent more on beer & liquor than you did on food at your wedding.

You hear someone use the word "oof-dah" and you don't break into uncontrollable laughter.

WISCONSIN SECTION STATION ACTIVITY

(Continued from page 4)

P S H R SUMMARY  
MARCH 2007

CALL	1	2	3	4	5	6	T
K9FHI	40	40	20	10	0	10	120
WD9FLJ	40	10	10	150	15	0	225
W9RSX	40	21	10	0	0	0	71
WZ9I	40	40	10	25	0	0	115
KB9KEG	40	40	30	270	0	10	390
AG9G	40	40	20	20	0	0	120
KG9B	30	35	20	45	0	0	130
K9LGU	40	40	30	5	30	0	145

April 2007

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	30	270	0	10	390
K9FHI	40	40	30	10	0	10	130
AG9G	40	40	20	30	0	0	130
K9LGU	40	40	30	20	0	0	130
WD9FLJ	40	6	10	20	0	0	96
W9RSX	40	15	10	0	0	0	65

STATION ACTIVITY SUMMARY  
MARCH 2007

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9KEG – FEB	49	683	639	9	1380 - BPL
KA9KEG	43	681	642	7	1373 - BPL
WZ9I	18	369	18	369	774 - BPL
KB9KEG	37	262	37	262	598 - BPL
K9LGU	0	59	62	0	121
K9FHI	0	21	30	0	51
AG9G	0	3	47	0	50
W9BHL – FEB	0	8	37	0	45
W9KKM	0	7	31	7	45
KG9B	0	0	35	0	35
KE9VU	0	27	2	0	29
KB9ROB	0	21	4	4	29
K9GU	0	0	24	0	24
K9GU - FEB	0	0	22	0	22
W9RSX	0	4	16	1	21
W9UW	0	16	3	1	20
KN9P	0	9	9	0	18
WB9ICH	0	10	0	0	12
WD9FLJ	0	1	9	0	10
W9PVD	0	1	2	1	4
K9UTQ	0	0	4	0	4

WISCONSIN SECTION  
STATION ACTIVITY SUMMARY  
April 2007

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KA9KEG	44	688	640	26	1398 – BPL
KB9KEG	39	296	6	329	670 – BPL
K9LGU	0	54	38	0	92
AG9G	0	8	52	0	60
W0BHL	0	8	36	0	44
K9FHI	0	15	26	0	41
KE9VU	0	27	2	0	29
KN9P	0	13	11	1	26
K9GU	0	0	24	0	24
KB9ROB	0	15	3	0	18
W9UW	0	15	2	0	17
W9RSX	0	2	13	0	15
WB9ICH	0	12	2	0	14
WD9FLJ	0	0	6	0	6
W9PVD	0	1	2	1	4



(Continued from page 3)

mas party: Usually second or third Sunday in December.

QCWA Chapter 55  
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. (262) 375-1774. <mailto:rryokes@execpc.com>.

Racine  
LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Racine  
RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Sheboygan  
SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

Shell Lake  
Northland ARC meetings are held the first Saturday of each month after breakfast. Location: Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00 AM. So Please plan to attend!!!! <http://home.centurytel.net/NorthlandARC/>.

Stevens Point  
CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: [jglas776@uwsp.edu](mailto:jglas776@uwsp.edu). Webpage: [www.qsl.net/wb9qfw](http://www.qsl.net/wb9qfw).

Superior  
ARROWHEAD AMATEUR RADIO CLUB. Meetings on the second Thursday of each month at 7:00 pm at the Secondary Technical Center. The address is: 802 East Central Entrance - Duluth, MN 55811. The

board meetings are held on the first Tuesday of the month at 7:00pm.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS  
Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: <http://www.wi-repeaters.org>.

**Watertown**  
**WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m.,** Room S-114 of the Watertown High School, 825 Endeavour Drive, Watertown, WI 53098 at 7:00 PM on the first Thursday each month.

Waupaca  
WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Wausau  
WISCONSIN VALLEY RADIO ASSOCIATION Meetings: 7:00 pm the first Tuesday of the month except for July. The meeting location is the Marshfield Clinic, Wausau Center. Talk in is on 147.135 + PL 114.8. Website is [www.wvraclub.org](http://www.wvraclub.org).

West Allis  
West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. [www.warac.org](http://www.warac.org).

**West Bend**  
**WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Saturday of each month at 8:30 am. Location is the Polk Town Hall, Highway 60 west of Jackson. For more information, call Mike, N9JIY at 262-627-0519, or inquire via the 146.673 repeater.**

Wisconsin Rapids  
WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings: Third Wednesdays, 7 p.m., Room 14 of Wood County Courthouse. Talkin: 146.79 (-600) for entry into the building.

**SWAPFEST '07**

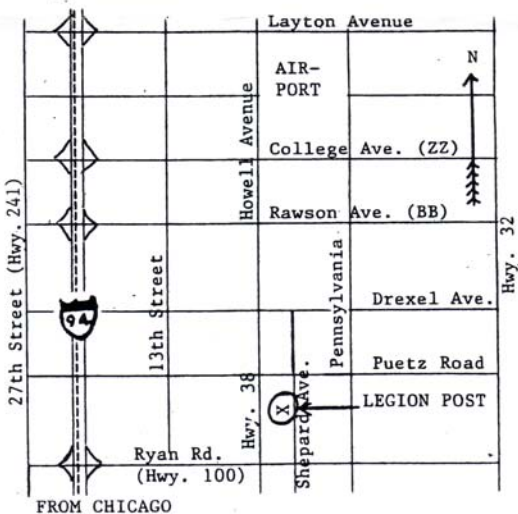
**South Milwaukee Amateur  
Radio Club, Inc.**

Saturday, July 7, 2007 -- 6:00 A.M.

American Legion Post 434  
9327 South Shepard Avenue, Oak Creek, WI  
Tickets \$5.00

***\*\*Food and Beverages Available starting at 6 AM\*\****

FROM MILWAUKEE



Talk-In Frequency =  
146.52 (WA9TXE)

For more information:

Phone = (414) 762-3235  
Email = [ryatex@aol.com](mailto:ryatex@aol.com)

\$100 Door Prize at  
12 Noon (you need not  
be present to win)

**\*\*\*\* CLUB AUCTIONS \*\*\*\***

1<sup>st</sup> Wednesday in March 6:00 PM Upper Legion Building  
1<sup>st</sup> Wednesday in October Mark your calendars!!!

**BADGER STATE SMOKE SIGNALS  
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Send me my BSSS by both ☐

Send this form, with check or money order to:  
Ken Ebnetter, 822 Wauona Trail, Portage, WI 53901.  
Please do NOT send cash.



# The Test Point



Amateur Radio Examination Locations  
and Schedules in the Area

June, 02, 2007	Madison, WI
June, 02, 2007	St. Paul, MN
June 03, 2007	Marshfield, WI
June, 09, 2007	Blain, MN
June, 09, 2007	Oshkosh (Omro), WI
June 09, 2007	Appleton, WI
June, 14, 2007	Apple Valley, MN
June, 16, 2007	Rockford, IL
June, 21, 2007	Iron River, MI
June, 30, 2007.	Tomahawk, WI
July 07, 2007	Madison, WI
July 07, 2007	St. Paul, MN
July 12, 2007	Apple Valley, MN
July 14, 2007	Blaine, MN
July 14, 2007	Oshkosh (Omro), WI
July 14, 2007	Eau Claire, WI
July 19, 2007	Iron River, MI
July 21, 2007	Janesville, WI
July 21, 2007	Portage, WI
July 28, 2007	Rockford, IL
July 28, 2007	Milwaukee, WI (MRAC)
July 28, 2007	Tomahawk, WI
August 04, 2007	Madison, WI
August 04, 2007	St. Paul, MN
August 09, 2007	Apple Valley, MN
August 11, 2007	Blaine, MN
August 11, 2007	Oshkosh (Omro), WI
August 11, 2007	Appleton, WI
August 16, 2007	Iron River, MI
August 18, 2007	Rockford, IL
August 18, 2007	Adams, WI
August 25, 2007	Tomahawk, WI
September 01, 2007	Madison, WI
September 01, 2007	St. Paul, MN
September 01, 2007	Racine, WI
September 02, 2007	Marshfield, WI
September 08, 2007	La Crosse, WI
September 08, 2007	Blaine, MN
September 08, 2007	Oshkosh (Omro), WI
September 08, 2007	La Crosse, WI
September 13, 2007	Apple Valley, MN
September 15, 2007	Rockford, IL
September 20, 2007	Iron River, MI
September 29, 2007	Milwaukee, WI (MRAC)
September 29, 2007	Tomahawk, WI
October 06, 2007	Madison, WI
October 06, 2007	St. Paul, MN
October 11, 2007	Apple Valley,

MN	
October 13, 2007	Blaine, MN
October 13, 2007	Oshkosh
(Omro), WI	
October 18, 2007	Iron River, MI
October 20, ,2007	Rockford, IL
October 27, 2007	Milwaukee, WI (MRAC)
October 27, 2007	Tomahawk, WI
November 03, 2007	La Crosse, WI
November 03, 2007	Madison, WI
November 03, 2007	St. Paul, MN
November 08, 2007	Apple Valley, MN
November 10, 2007	Blaine, MN
November 10, 2007	Oshkosh
(Omro), WI	
November 15, 2007	Iron River, MI
November 17, 2007	Rockford, IL
November 24, 2007.	Milwaukee, WI (MRAC)
December 01, 2007	Madison, WI
December 01, 2007	St. Paul, MN
December 08, 2007	Blaine, MN
December 08, 2007	Oshkosh (Omro), WI
December 15, 2007	Apple Valley, MN
December 15, 2007	Rockford, IL
December 20, 2007	Iron River, MI
Monthly, 1st Sat.	Madison, WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Blaine, MN
Monthly, 2nd Sat.	Oshkosh (Omro), WI
Monthly, 3rd Thu.	Iron River, MI
Monthly, 3rd Sat.	Rockford, IL
Monthly, Last Sat.	Milwaukee, WI (MRAC)
(Except Mar., Jun., Aug., & Dec.)	
Monthly, Last Sat.	Tomahawk, WI
(January thru October only)	

## GENERAL RULES FOR MOST EXAMINATIONS:

Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main

Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

<http://www.fcc.gov/formpage.html>  
or  
<ftp://ftp.fcc.gov/pub/Forms/Form605>.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. Test fees: The ARRL/VEC has set its 2007 test fee at \$14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

<http://www.arrl.org/arrlvec/examsearch.phtml>

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI  
Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. [ab9fn@arrl.net](mailto:ab9fn@arrl.net)

Appleton, WI  
Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walk-ins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: [w9mdp@arrl.net](mailto:w9mdp@arrl.net).

Eau Claire, WI  
Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2<sup>nd</sup> Avenue entrance, Eau Claire, WI  
Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. [www.ecarc.org](http://www.ecarc.org). [w9eau@ecarc.org](mailto:w9eau@ecarc.org).

Fond du Lac, WI  
Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walk-ins allowed. Contact: Douglas J. Schultz, 920-922-3088, [schultz74@charter.net](mailto:schultz74@charter.net).

Houghton MI  
Sponsor: HARC/CCRAA. Time: 8:30 AM (Walk-ins allowed). Contact: George R Thurner home phone, (906)337-2542, cell phone (906) 369-2542 Email: [W8FWG@ARRL.NET](mailto:W8FWG@ARRL.NET) VEC: ARRL/VEC Location: Michigan Tech University-US Hwy 41. Wadsworth Residence Hall, East End of Campus, G04w (Downstairs/Turn Left), Houghton, MI 49931

Iron Mountain, MI  
Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, (906)774-6598. VEC: W5YI VEC. Location: Dickinson County Library, 401 South Iron Mountain St., Arrival Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI.  
Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906)265-4240. Email: [dmwaters@ironriver.tv](mailto:dmwaters@ironriver.tv) VEC: W5YI VEC. Location: Iron River Lutheran Church, Across From Mc Donald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

Janesville, WI  
**Saint John Lutheran Church, Conference Room, 292 N. Parker Drive, upper parking entrance. Janesville, WI. Contact Scott A. Fry, (608) 449-8513. e-mail: [radarkilowatt@aol.com](mailto:radarkilowatt@aol.com)**

La Crosse, WI (ARRL/VEC).  
Sponsor:Riverland Amateur Radio Club Location: American Red Cross-2927 Losey Blvd. LaCrosse, WI Time: 9:00a.m. (NO Walk-Ins) Registration IS required-Contact: Roger Reader 608-783-0723 [readers@centurytel.net](mailto:readers@centurytel.net).

Madison, WI  
The Madison Wisconsin, Four Lakes

(Continued on page 10)

# The Test Point



Amateur Radio Examination Locations  
and Schedules in the Area

(Continued from page 9)

Amateur Radio Club-sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month, from 8:00 AM to 10:00 AM, no appointment is necessary. Questions may be directed to Carolyn Kammen, NQ9A at 608-246-0225 (home phone) or sent to [NQ9A@arrrl.net](mailto:NQ9A@arrrl.net).

Marshfield, WI  
Sponsored by the Marshfield Area ARS. Saint Joseph’s Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact Lee A. Olson, (715) 389-8888.

Menomonie, WI (ARRL/VEC)  
Sponsored by the Dunn County Area Amateurs Location: University of Wisconsin, 121 10th Avenue, UW Stout Millennium Hall, NW Entrance, Menomonie, WI 54751. Time: 9:00 AM (Walk-ins allowed). Contact: James L. Guenther, (715)232-2625. Email: [guentherj@uwstrout.edu](mailto:guentherj@uwstrout.edu)

Menominee, MI  
Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is \$10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at [jrymer@ez-net.com](mailto:jrymer@ez-net.com) or Ed Engleman, KG8CX, at [dxer@cybrzn.com](mailto:dxer@cybrzn.com). We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Merrill, WI  
Merrill Amateur Radio Group. 3:15 p.m. (Walk-ins allowed). Contact: Myron J. Oestreich (715) 355-6902 e-mail: [kb9stb@margdx](mailto:kb9stb@margdx) Location: Gail’s Place, n4090 Cth. K, Lincoln Center Banquet Hall.

Milwaukee, WI  
The Milwaukee Radio Amateurs'

Club VEC holds test sessions on the last Saturday, except in March, June, August, and December. In addition, we test for one morning during the West Allis RAC Swapfest in January and at Superfest in April. All sessions except WARAC swapfest are held from 9:30 a.m. to 11:00 at Amateur Electronic Supply, 5710 W. Good Hope Rd., Milwaukee. Watch for signs directing you to the session room. West Allis RAC Swapfest session is held at AMF lanes across the street from the Waukesha Expo. We usually start earlier; contact VEC for more info.

Bring along your original license or CSCE (if any), and one good quality photocopy of each, plus a form of identification (driver's license is fine). Exam fee is \$5.00; walk-ins are welcome. Contact: Tom Fuszard at 262-789-7975 or [tom@supremecom.biz](mailto:tom@supremecom.biz).

Negaunee, MI. Sponsor: HIAWA-THA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906) 249-3837, Email: [n8gba@chartermi.net](mailto:n8gba@chartermi.net) VEC: ARRL/VEC. Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Oshkosh, WI (Omro)  
Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: [lemme@ybe.com](mailto:lemme@ybe.com), or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Portage, WI  
10:30 a.m. Portage Public Library, 253 W Edgewater St., Portage, WI. Contact Ed Wagner, (608) 584-4858. e-mail: [ab9fn@yahoo.com](mailto:ab9fn@yahoo.com).

Racine, WI  
ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Robert M. Frederiksen, (262) 637-6588. e-mail: [kb9zaf@arrrl.net](mailto:kb9zaf@arrrl.net).

Rockford, IL  
Northern Illinois Volunteer Examiners (W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. Anthony Hospital, 5660 E State St., Rockford, IL. Contact: Randy Scott, W9HL, [W9HL@ARRL.NET](mailto:W9HL@ARRL.NET) (815-877-4328).

Sheboygan, WI  
Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road [k9xj@arrrl.net](mailto:k9xj@arrrl.net) Plymouth, WI 53073-2929

Tomahawk, WI  
Tomahawk Repeater Association ARRL/VEC team. Last Saturday of every month January thru October. Registration at 8:30, testing at 9:00 a.m. at Sacred Heart Hospital, 401 W. Mohawk Dr., Tomahawk. Contact Diane Lodge Hamman, KA9BHK, 145.43 MHz or telephone 715 453-3908.

St. Paul, MN  
Saint Paul Radio Club (SPRC) First Saturday of the month. Site: Roseville City Hall, 2660 County Road C, NW Corner County Road. C & Lexington Ave., Roseville MN 55101. Time: 8:30 AM (Walk-ins allowed)Contact: David M Buending, (952)486-0836, Email: [AD2B@ARRL.NET](mailto:AD2B@ARRL.NET), VEC: ARRL/VEC.

Washington Island, WI  
Contact: John W. Van Sandt, (217) 826-8821. [n9yrx@hotmail.com](mailto:n9yrx@hotmail.com)

Waukesha, WI (Milwaukee VEC)  
Sponsor: West Allis Radio Club Swapfest, Time: 9:00 AM (Walk-ins allowed. Contact: John G. Kraak, (262) 548-9585. Email: [jkraak@wi.rr.com](mailto:jkraak@wi.rr.com). Location: AMF Waukesha Lanes, across from Waukesha EXPO, Waukesha, WI 53186

Wausau, WI.  
Sponsor: WVRA. Time: 8:00 Walk-ins allowed). Contact: Gerald L. Graebel, (715) 42-9542 Email: VEC: ARRL/VEC. Location: Martech Systems, 614 N. 3<sup>rd</sup> Ave, Wausau, WI 54401. Parking in rear of building.

# YELLOW THUNDER AMATEUR RADIO

(Continued from page 11)

Upon his presentation of a \$20.00 check, new member Bob Shaw, KC9LAT from Poynette was welcomed to the club. He took the recent weekend crash course at UW Space-Place.

No other business was brought up. Move to adjourn by Tom, N9PQJ with a second by Dave, KB9CSW. Meeting adjourned at 8:38 p.m.

Respectfully submitted,  
Donald A. Evenson, K9JYX  
Secretary pro tem

Members present:  
Steve Schulze, N9UDO  
Dave Spearing, KB9CSW  
Tom Harrison, N9PQJ  
Brad Pointon, KB9VMC  
Don Evenson, K9JYX  
Bob Shaw, KC9LAT  
Joe Mayenschein, WB9SBD  
Gary Sorenson, W9ULK

Field Day is coming up in June. We would like to hear about your activities and would like to have a write up and/or pictures about your club or group activities for the August issue of BSSS. I expect to be at the Yellow Thunder Field Day site at Owen Park in Columbia County as much as time permits as I have a conflict for that date.

If the results are available for the Wisconsin QSO party, we will have a summary of that event in the August issue.

We welcome any items of interest to or about amateur radio clubs or individuals in the Wisconsin area.

The Happenings section has information about Swapfests, club meetings and examinations in and near Wisconsin. Please check the listings for your activity planning. If you notice any omissions, errors or out of date information please let us know at the addresses on page 2. You can also check our web site [bsss.org](http://bsss.org) for the latest information.  
—73 ken k9en

My better half and I were sitting in the living room and I said to her, "Just so you know, I never want to live in a vegetative state, dependent on some machine and fluids from a bottle. If that ever happens, just pull the plug.  
"So, she got up, unplugged the TV and threw out all my beer.  
~Author Unknown~





## Yellow Thunder Amateur Radio Club



**WB9FDZ (Original Club Call)**  
**K9ODK (Robert L. Prine Memorial Call)**  
**Club net: Sundays 8:00 p.m. on 147.315**  
**Robert Loomis, KB9VSQ, Secretary**  
**108 Scarlet Ct., Reedsburg, WI 53959**  
**YTARC Home Page: <http://www.qsl.net/ytarc/>**

### March 6, 2007

Meeting opened at 7:30 pm by Steve, N9UDO, club president.

Minutes of the Feb 6 meeting were read and accepted. Motion by Tom N9PQJ, Seconded by Chris, KC9IZG.

Treasurers Report: Maybe next month.

Old Business:  
D-Star - Steve, N9UDO and Brad, KC9VMC are setting up a D-Star repeater on Brads tower. Steve has committed to purchase the 2 meter repeater side of the system. He needs about \$2000.00 to be able to pull it off. We also need a controller at about 1100-1200 bucks. Brad also mentioned there might be a private sponsor for the 440 and 1.2Ghz sides also. Don, K9JYX, motioned to the technical committee \$2000.00 to go ahead with the combining system needed. Also the controller is also included in this. KC9IZG seconded. Passed. N9PQJ mentioned if they come up short, he would kick in the balance. Thanks Tom!! A lively discussion ensued on D-Star capabilities.

This weekend is the Wisconsin QSO Party. Due to the Daylight Savings Time Change, the contest will run from 1pm to 8pm on the 11th.

New Business:  
There was a truck parked out front. This is a used ambulance that KB9VMC purchased for Pointon Communications. They are still kicking around different uses, but the primary use will be for Pointon to loan out to county governments as a short term use in event of communications

failure. He wanted to know if the club would be interested in supplying a radio for amateur use. He is also looking for suggestions concerning the unit. If you have any ideas, contact him direct.

On April 20, Joe WB9SBD will be launching an amateur radio balloon. This unit will have a cross-band repeater, GPS capabilities. Beacon will be on 144.39 APRS freq.

Tom, N9PQJ brought to the group some topics for thought from Bill, KA9QFJ. One of them is Lifetime Memberships. The thought is if you pay 20 years membership dues, then you would be Lifetime member. This would be about \$400.00 or so as a cost. Please let N9UDO and other officers of the club know what you think.

Next item was the possibility of a scholarship under the guise of K9ZZ in memory of Jim Rommelfanger or under Yellow Thunder Amateur Radio Club. Please let us know what you think on this also.

Motion by K9JYX to adjourn. Seconded by KC9IZG. Meeting adjourned at 8:47pm. There was no buck night drawing as there was no roster to use present.

Respectfully submitted,  
Rick, N9ROY, Secretary

Members and guests present:  
Steve Schulze, N9UDO - Baraboo  
Brad Pointon, KB9VMC - Baraboo  
Don Evenson, K9JYX - Baraboo  
Rick Plouffe, N9ROY - Wisconsin Dells  
Chris Martin - KC9IZG - Merrimac  
Joe Mayenschein - WB9SBD - La Valle

Tom Harrison, N9PQJ - Reedsburg

### April 3, 2007

President Steve Schulze, N9UDO called the meeting to order at 7:30 p.m.

Gary, W9ULK moved to accept the March minutes as published. Second by Dave, KB9CSW. Motion passed.

Bill, N9KXX club treasurer was not present so no treasurer's report was available.

Old Business:  
Brad, KB9VMC discussed some ideas on the ambulance/comm-van he recently acquired. He now has a Generac RV generator for it. He is asking for ideas from club members on equipping it and for what kind of functions it could be used for. He also reported that an ACU-1000 controller has been donated for installation in the vehicle. Brad stated that the vehicle will be made available for YTARC use.

Joe, WB9SBD reported that the balloon flight is a go for April 20. It will be launched at night during the 'Star Party' south east of LaFarge. He finally has a working dual band antenna for it. All are welcome to participate. Driftless Zone Star Party web site: <http://www.dzsp.org>.

Discussion of Lifetime memberships and a club scholarship were tabled until more information is available. This also includes the Bob King, W9QOQ memorial.

New Business:  
The possibility of the club doing some fund raisers was brought up for discussion. Steve, N9UDO mentioned the brat stand the club ran during Sauk Prairies eagle days a few years ago. It brought in some nice money. He is going to check with Bill, N9KXX to see if any dates are available to do a brat stand in Sauk City some Saturday this summer.

(Continued on page 10)

- Eleventh Annual -

# CIRCUS CITY SWAPFEST

Sponsored by:  
Yellow Thunder Amateur Radio Club, Inc.

**Ham Radio, Computer & Electronics Extravaganza!**

**SATURDAY, AUGUST 11, 2007**

**7:00AM UNTIL NOON**

*Sauk County Fairgrounds - Baraboo, Wisconsin*

**Vendors - Tail-Gate Area - Concessions**

**Free Parking - Camping - Door Prizes**

Admission \$5 - 8 Foot Tables \$5 Each - Set-up 6:00AM

**Grand Prize Giveaway - ICOM IC-91A**

**VE Testing**  
9:00AM

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WB9FDZ

The Sauk County Fairgrounds is located on highway 33, on Baraboo's far east side.  
**From I-90/94:** Take exit 106 (Hwy. 33) west to Baraboo.  
**From Hwy. 12:** Take Hwy. 33 east at the Kwik-Trip in West Baraboo.

**For more information contact:** Steve, N9UDO at (608) 356-2313 or [n9udo@yahoo.com](mailto:n9udo@yahoo.com)  
Bill, N9KXX at (608) 643-6908 days, (608) 643-6453 evenings.

**Visit us on the Internet:** [www.yellowthunder.org](http://www.yellowthunder.org)

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For Advance Tickets, Send Check, With A Self Addressed, Stamped, **Business-Sized Envelope** to:  
Yellow Thunder A.R.C., 1120 City View Road - Baraboo, WI 53913

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Contact Person: \_\_\_\_\_ Call Sign: \_\_\_\_\_

Address: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

No. Of Tickets: \_\_\_\_\_ X \$5.00= \_\_\_\_\_ Electricity Required? Y / N

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# SWAPFESTS

<div><p>2004 WINNER Nicholas Luther, K9NL Oshkosh, WI.</p></div> <div><p>34th ANNUAL MIDWINTER <b>SWAPFEST</b> WAUKESHA EXPOSITION CENTER WAUKESHA, WISCONSIN <b>SATURDAY</b> <b>JANUARY 5, 2008</b></p><p><i>Both sponsored by:</i> <b>THE WEST ALLIS RADIO AMATEUR CLUB, INC.</b> <i>P. O. BOX 1072 · MILWAUKEE, WISCONSIN 53201</i></p></div>	<p><i>HAM IT UP EVERY SPRING!</i> <b>MADISON SWAPFEST</b> Mandt Community Center <i>APRIL , 2007</i> 400 Mandt Parkway Stoughton WI Doors open at 8 a.m. Sponsored by MARA/W9HSY P. O. Box 8890 Madison, WI 53708-8890 Swapfest Information Line. (608) 245-8890</p>	<p><b>SOUTH MILWAUKEE AMATEUR RADIO CLUB</b> <b>SWAPFEST 07</b> <b>JULY 07, 2007</b> (Held every July) <i>American Legion Park</i> <b>Shepard Avenue • Oak Creek, WI</b> (414) 762-3235, Ask for Verne P.O. Box 102, South Milwaukee, WI 53172 e-mail ryatex@aol.com</p>		
<p><b>Ozaukee Radio Club</b> <b>HAM RADIO AND</b> <b>COMPUTER SWAPFEST</b> <b>MAY 03 2008—SEPT. 15 2007</b> Sept.15, 2007. ORC outdoor swapfest. Fireman's Park, Cedarburg, WI. Contact: Tom Ruhlmann, W9IPR, (262) 377-6945 Admission is \$5.00 at the gate. No tables to rent. Sell from the back of your vehicle. For current information go to: <a href="http://www.ozaukeeadioclub.org">www.ozaukeeadioclub.org</a></p>	<p>The Chicago FM Club presents <b>RADIO EXPO 2007</b> <b>SEPTEMBER 29-30, 2007</b> Boone County Fairgrounds Rts. 76 and Business 20, Belvidere, Illinois Free parking • Amateur Exams • Talkin 146.16/76 Info Voice mail and FAX: (708) 457-0966 <a href="http://www.chicagofmclub.org">http://www.chicagofmclub.org</a> 5127 N. Monterey Dr., Norridge IL 60706-3242</p>	<p><b>TRI-COUNTY ARC PRESENTS</b> <b>HAMFEST 2007</b> <b>March , 2008</b> <b>YOUR SPRING FAVORITE !</b> <a href="http://www.cmdline.com/tcarc/">www.cmdline.com/tcarc/</a> <b>TCARC 213 Frederick St</b> (920) 563-6381 <b>Fort Atkinson, WI 53538</b> Evenings</p>		
<p><b>SOUTH MILWAUKEE AMATEUR RADIO CLUB</b> <b>AUCTION</b> <b>Amateur Radio, Computers &amp; Electronics</b> <b>Wed. OCT. 03, 2007, 6:00 p.m.</b> <i>American Legion Post 434</i> <b>Shepard Avenue • Oak Creek, WI</b> (414) 762-3235, Ask for Verne P.O. Box 102 , South Milwaukee, WI 53172 e-mail: ryatex@aol.com</p>	<p><b>Circus City Swapfest</b> Sponsored by the Yellow Thunder Amateur Radio Club August 11, 2007 • 7 am—Noon Sauk County Fairgrounds • Baraboo, WI</p> <table><tr><td>Vendors • Concessions Camping • Free Parking Tail Gate Area</td><td>\$4.00 — Advanced \$5.00 — At Gate \$5.00 — 8 foot tables</td></tr></table> <p>Steve Schulze, N9UDO • Bill Klinkner, N9KXX (606) 356-2313 • (608) 643-6908/643-6453 <a href="http://www.qsl.net/ytarc/hamfest.htm">http://www.qsl.net/ytarc/hamfest.htm</a>,</p>	Vendors • Concessions Camping • Free Parking Tail Gate Area	\$4.00 — Advanced \$5.00 — At Gate \$5.00 — 8 foot tables	<p>The Milwaukee Repeater Club presents <b>AMATEUR RADIO FEST 2007</b>  Waukesha County Expo Center Forum Buildings For more information, see: <a href="http://www.mrc91.org">http://www.mrc91.org</a> e-mail <a href="mailto:mrc@mrc91.org">mrc@mrc91.org</a> or call (414) 526-7011</p>
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